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EXAMINER

MILLS, DONALD L

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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Art Unit: 2416

Continuation of 11. NOTE:

Rejection Under 35 USC 102

On page 3 of the remarks, regarding claims 1-4 and 13-16, the Applicant argues Ikeda does not disclose Zhang does not disclose *wherein the transmitter comprises a first IDFT unit for performing IDFT on the information transmit vectors and outputting IDFT-performed signals; and a second IDFT unit for performing IDFT on the IDFT-performed signals output from the first IDFT unit to modulate them into OFDM signals and wherein the receiver comprises a first DFT unit for demodulating the received information transmit vectors into OFDM signals; and a second DFT unit for performing DFT on the compensated information transmit vectors and averaging a noise signal value which becomes enhanced in a specific interval with an amplitude of the channel with less than a mean value, to a mean value within a symbol interval.* The Examiner respectfully disagrees. Ikeda discloses a first IDFT means for performing IDFT on a first digital component signal to produce a first time signal and a second IDFT means for performing IDFT on a second digital component signal in an orthogonal relationship with the first digital signal to produce a second time signal, see col. 6, lines 47-49. And using one or more phase differences to generate an average phase difference, wherein determining the residual phases error is based on average phase differences and correcting phases of channel compensated data symbols is based on the determined residual phase error, see ppl, para 11. The applicant did not stipulate that the output of the first IDFT is the "same" output that is utilized as the input for the second IDFT; should the claims be amended to reflect that the output from the first IDFT is directly inputted to the second IDFT then one could overcome the prior art of record.